





Broadband antenna realized with shorted microstrips

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The invention relates to antenna structures, particularly to substantially planar broadband antennas realised by microstrips. The antenna structure according to the invention has at least two superimposed strips (10, 20), which have a length of about a quarter-wave and which at one end are short circuited to the ground plane (30). The strips (10, 20) have certain resonance frequencies, which are tuned close to each other so that the operating band of the antenna structure is substantially continuous.

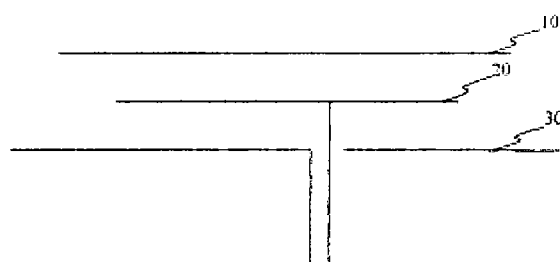


Fig. 1a

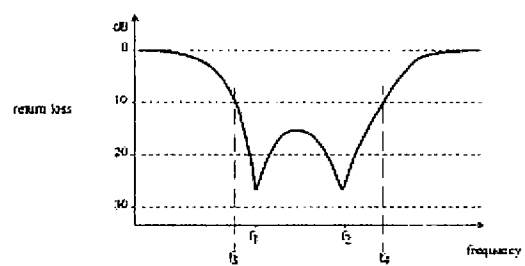


Fig. 1b

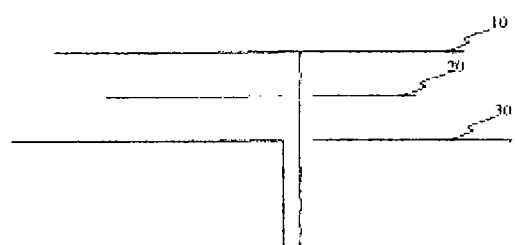


Fig. 1c

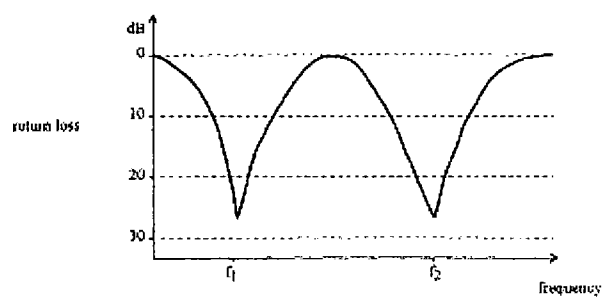


Fig. 1d

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